

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|---------------|
| Application Number | 10/782,754 |
| Filing Date | 2/23/2004 |
| First Named Inventor | Rafi Rabipour |
| Art Unit | 2468 |
| Examiner Name | Wutchung Chu |
| Attorney Docket Number | 1809/52/2 |

Sheet 1 of 3

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|------------------|---|---|
| | | Number - Kind Code ² (if known) | MM-DD-YYYY | | |
| | 1 | US-2011/0032927 A1 | 02/10/2011 | Chen et al. | |
| | 2 | US-7,835,346 B2 | 11-06-2010 | He et al. | |
| | 3 | US-7,830,864 B2 | 11-09-2010 | U | |
| | 4 | US-2008/0008312 A1 | 01-10-2008 | Ganesamoorthi et al. | |
| | 5 | US-2006/0133353 A1 | 06-22-2006 | Wang et al. | |
| | 6 | US-2004/0228279 A1 | 11-18-2004 | Midtun et al. | |
| | 7 | US-2003/0063569 A1 | 04-03-2003 | Kalliojukku et al. | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
|--------------------|-----------------------|---|------------------|---|---|----------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | 8 | WO 03/019961 A1 | 03-06-2003 | Nokia Corporation | | |
| | 9 | FI 20011715 | 02-28-2003 | Nokia Corporation | | X |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| Substitute for form 1449B/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p> | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Complete if Known</th> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/782,754</td> </tr> <tr> <td>Filing Date</td> <td>2/23/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Rafi Rabipour</td> </tr> <tr> <td>Art Unit</td> <td>2468</td> </tr> <tr> <td>Examiner Name</td> <td>Wutchung Chu</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1809/52/2</td> </tr> </table> | | Complete if Known | | Application Number | 10/782,754 | Filing Date | 2/23/2004 | First Named Inventor | Rafi Rabipour | Art Unit | 2468 | Examiner Name | Wutchung Chu | Attorney Docket Number | 1809/52/2 |
|---|---------------|--|---|-------------------|--|--------------------|------------|-------------|-----------|----------------------|---------------|----------|------|---------------|--------------|------------------------|-----------|
| Complete if Known | | | | | | | | | | | | | | | | | |
| Application Number | 10/782,754 | | | | | | | | | | | | | | | | |
| Filing Date | 2/23/2004 | | | | | | | | | | | | | | | | |
| First Named Inventor | Rafi Rabipour | | | | | | | | | | | | | | | | |
| Art Unit | 2468 | | | | | | | | | | | | | | | | |
| Examiner Name | Wutchung Chu | | | | | | | | | | | | | | | | |
| Attorney Docket Number | 1809/52/2 | | | | | | | | | | | | | | | | |
| Sheet | 2 | of | 3 | | | | | | | | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|----------|---|----------------|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | 10 | Official Action for U.S. Patent Application Serial No. 11/984,490 (May 2, 2011). | |
| | 11 | Notice of Allowance and Fee(s) Due for U.S. Patent Application Serial No. 11/589,435 (April 22, 2011). | |
| | 12 | Notice of Allowance and Fee(s) Due for U.S. Patent Application Serial No. 10/599,088 (April 11, 2011). | |
| | 13 | Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for International Application No. PCT/US2010/044314 (March 24, 2011). | |
| | 14 | Notice of Allowance for U.S. Patent Application Serial No. 11/965,994 (March 16, 2011). | |
| | 15 | Official Action for U.S. Patent Application Serial No. 10/599,088 (February 24, 2011). | |
| | 16 | Chinese Official Action for Chinese Patent Application No. 200780009550.8 (December 21, 2010). | |
| | 17 | "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Comfort Noise Aspects for Enhanced Full Rate (EFR) Speech Traffic Channels (Release 7)," 3GPP TS 46.062 V7.0.0 (June 2007). | |
| | 18 | "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Enhanced Full Rate (EFR) Speech Transcoding (Release 7)," 3GPP TS 46.060 V7.0.0 (June 2007). | |
| | 19 | "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 (Release 7) 3GPP TS 28.062 V7.0.0, pgs. 1-183 (June 2007). | |

| | | |
|--------------------|-----------------|--|
| Examiner Signature | Date Considered | |
|--------------------|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 *Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | |
|--|---|----|-----------------------------|-------------------------------|-----------|
| Substitute for form 1449B/PTO | | | Complete If Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | Application Number | 10/782,754 | |
| | | | Filing Date | 2/23/2004 | |
| | | | First Named Inventor | Rafi Rabiipour | |
| | | | Art Unit | 2468 | |
| | | | Examiner Name | Wutchung Chu | |
| Sheet | 3 | of | 3 | Attorney Docket Number | 1809/52/2 |

(Use as many sheets as necessary)

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|----------|---|----------------|
| | 20 | "Series G: Transmission Systems and Media, Digital Systems and Networks; Digital Terminal Equipments – Coding of Analogue Signals by Methods Other than PCM; Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear Prediction (CS-ACELP), pgs. 1-146 (January 2007). | |
| | 21 | "3 rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Core Network Nb Interface user Plane Protocols (Release 5)," 3GPP TS 29.415 V5.2.0, pgs. 1-14 (December 2006). | |
| | 22 | "Series H: Audiovisual and Multimedia Systems; Infrastructure of Audiovisual Services – Communication Procedures; Gateway Control Protocol: Version 3," ITU-T H.248.1, pgs. 1-206 (September 2005). | |
| | 23 | "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Vocabulary for 3GPP Specification (Release 7)," 3GPP TR 21.905 V7.0.0, pgs. 1-54 (September 2005). | |
| | 24 | "3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec Speech Processing Functions; Adaptive Multi-Rate (AMR) Speech Codec Frame Structure (Release 6), 3GPP TS 26.101 V6.0.0, pgs. 1-20 (September 2004). | |
| | 25 | "3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN Iu Interface User Plane Protocols (Release 4)," 3GPP TS 25.415 V4.7.0, pgs. 1-62 (December 2002). | |
| | 26 | "General Aspects of Digital Transmission Systems; Terminal Equipments; Pulse Code Modulation (PCM) of Voice Frequencies," ITU-T G.711, pgs. 1-12 (November 1986). | |
| | | | |
| | | | |
| | | | |

| | |
|---------------------------|------------------------|
| Examiner Signature | Date Considered |
|---------------------------|------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.96. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.